The SSDF Chess Engine Rating List, 2019-02

Article

Accepted Version

The ICGA_J report

The SSDF Chess Engine Rating List 2019-02

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#	Name	Rating	+ / –	Games	Win %	Against	Notes
01	Stockfish 9 x64 1800X 3.6 GHz	3494	32 / 30	642	74%	3308	A, Tord Romstad, Marco Costalba and Joona Kiiski
02	Komodo 12.3 x64 1800X 3.6 GHz	3456	30 / 28	640	68%	3321	NE; A, Mark Lefler and GM Larry Kaufman; 18½-21½ v #01
03	Stockfish 9 x64 Q6600 2.4 GHz	3446	50 / 48	200	57%	3396	NE; 16½-23½ v #01, 20-20 v #02, 21½-18½ v #06
04	Stockfish 8 x64 1800X 3.6 GHz	3432	26 / 24	1059	77%	3217	18½-21½ v #01, 17½-22½ v #02, 21-19 v #06, 23½-16½ v #08
05	Stockfish 8 x64 Q6600 2.4 GHz	3418	38 / 35	440	72%	3251	13½-26½ v #01, 20-20 v #02, 27½-12½ v #08, 28½-11½ v #09
06	Komodo 11.01 x64 1800X 3.6 GHz	3397	23 / 22	1134	72%	3229	15-25 v #01, 18-22 v #02, 18½-21½ v #03, 23½-16½ v #07
07	Deep Shredder 13 x64 1800X 3.6 GHz	3360	25 / 24	830	66%	3246	A, Stefan Meyer-Kahlen; 13-27 v #01, 12-28 v #02
08	Booot 6.3.1 x64 1800X 3.6 GHz	3352	29 / 29	560	54%	3319	A, Alex Morozov; 12-28 v #01, 16-24 v #02, 13½-26½ v #03
09	Komodo 9.1 x64 Q6600 2.4 GHz	3340	21 / 20	1435	72%	3175	8-34 v #01, 13-27 v #02, 14-26 v #04, 11½-28½ v #05
10	Komodo 11.01 x64 Q6600 2.4 GHz	3333	32 / 31	482	55%	3300	11½-28½ v #01, 23½-56½ v #02, 16-26 v #04, 18½-21½ v #05
11	Stockfish 6 x64 Q6600 2.4 GHz	3326	22 / 21	1216	68%	3192	7-33 v #01, 14½-25½ v #04, 11½-28½ v #05, 15½-24½ v #06
12	Deep Shredder 13 x64 Q6600 2.4 GHz	3296	24 / 23	884	64%	3193	13-27 v #04, 10-30 v #06, 16½-23½ v #07, 15½-24½ v #09
13	Booot 6.3.1 x64 Q6600 2.4 GHz	3280	41 / 39	320	64%	3179	NE; 9-31 v #02, 10½-29½ v #03, 20½-19½ v #11, 33-7 v #31
14	Komodo 7 x64 Q6600 2.4 GHz	3270	23 / 23	974	65%	3160	7½-32½ v #01, 11½-28½ v #04, 10½-29½ v #06, 14-26 v #07
15	Arasan 21.2 x64 1800X 3.6 GHz	3269	61 / 68	127	35%	3375	NE; A, Jon Dart; 9½-30½ v #02, 7½-31½ v #04, 11½-18½ v #07
16	Komodo 5.1 x64 Q6600 2.4 GHz	3245	22 / 22	1038	64%	3145	13½-26½ v #04, 22½-61½ v #09, 11½-28½ v #11, 20-22 v #12
17	Deep Hiarcs 14 1800X 3.6 GHz	3219	26 / 27	680	41%	3280	A, Mark Uniacke; 7-33 v #01, 5½-34½ v #02, 8½-31½ v #04
18	Wasp 3 x64 1800X 3.6 GHz	3218	27 / 28	642	43%	3266	NE; A, John Stanback; 6½-33½ v #01, 11-29 v #08, 23-17 v #23
19	Stockfish 3 x64 Q6600 2.4 GHz	3203	19 / 18	1420	61%	3127	4½-35½ v #04, 15½-34½ v #06, 6½-33½ v #07, 27½-56½ v #09
20	Deep Rybka 4 x64 Q6600 2.4 GHz	3201	21 / 20	1288	67%	3080	A, IM Vasil Rajlich; 9½-30½ v #06, 8-32 v #09, 13½-26½ v #11
21	Deep Rybka 3 x64 Q6600 2.4 GHz	3194	22 / 21	1371	75%	3003	15½-24½ v #16, 21-19 v #19, 18-22 v #20, 22½-19½ v #22
22	Deep Hiarcs 14 Q6600 2.4 GHz	3189	19 / 18	1450	61%	3112	9½-30½ v #06, 9-31 v #07, 12-28 v #09, 13½-26½ v #10
23	Chiron 3.01 x64 Q6600 2.4 GHz	3180	27 / 27	656	45%	3217	A, Ubaldo Andrea Farina; 7-33 v #04, 7-33 v #06, 17-23 v #18
24	Wasp 2.01 x64 1800X 3.6 GHz	3159	26 / 28	726	34%	3276	5-35 v #01, 5-35 v #02, 12-68 v #04, 7½-32½ v #06
25	Naum 4.2 x64 Q6600 2.4 GHz	3146	21 / 21	1123	60%	3078	A, Alexander Naumov; 13½-26½ v #12, 7½-34½ v #14
26	Deep Junior Yokohama x64 Q6600 2.4 GHz	3126	22 / 22	1010	42%	3184	A, Amir Ban & Shay Bushinsky; 6½-73½ v #04, 6-34 v #05
27	Naum 4 x64 Q6600 2.4 GHz	3121	19 / 18	1436	61%	3040	2½-37½ v #04, 9½-30½ v #06, 11-29 v #12, 8½-31½ v #14
28	Deep Junior 13.3 x64 Q6600 2.4 GHz	3116	19 / 19	1290	50%	3119	4-36 v #06, 7½-32½ v #07, 6-34 v #09, 11½-28½ v #11
29	Spike 1.4 Q6600 2.4 GHz	3108	15 / 15	1951	52%	3092	A, Ralf Schäfer &Volker Böhm; 3-37 v #01, 4½-35½ v #04
30	Deep Shredder 12 x64 Q6600 2.4 GHz	3104	18 / 18	1507	62%	3016	10-32 v #16, 10-30 v #19, 17-31 v #20, 13-27 v #21
31	Hiarcs 14 Athlon 1.2 GHz	3100	29 / 29	560	55%	3065	5½-34½ v #05, 7-33 v #09, 9½-30½ v #11, 7-33 v #13
32	Deep Fritz 13 Q6600 2.4 GHz	3097	24 / 24	826	55%	3064	A, Frans Morsch; 9-31 v#14, 13½-26½ v #16, 15½-24½ v #19
33	The Baron 3.43 x64 1800X 3.6 GHz	3095	32 / 35	538	27%	3265	A, Richard Pijl; 2½-37½ v #01, 3½-36½ v #02, 3-37 v #04
34	Deep Rybka 3 Athlon 1.2 GHz	3071	36 / 35	372	53%	3048	5½-34½ v #13, 16-24 v #25, 20-20 v D Fritz 11 on Q6600
35	Wasp 2.01 x64 Q6600 2.4 GHz	3065	40 / 46	404	20%	3302	3½-38½ v #04, 7½-72½ v #06, 4½-35½ v #07, 8-32 v #10
36	Crafty 25 x64 Q6600 2.4 GHz	3028	25 / 26	804	35%	3134	A, Robert Hyatt; 2½-37½ v #04, 2-38 v #09, 5-35 v #11
37	The Baron 3.43 x64 Q6600 2.4 GHz	3023	33 / 33	440	51%	3019	2½-37½ v #05, 5½-34½ v #12, 17½-22½ v #31
38	Arasan 17.2 x64 Q6600 2.4 GHz	3000	26 / 26	686	46%	3029	5½-34½ v #19, 12½-29½ v #26, 12½-29½ v #28, 11½-28½ v #29
39	Revelation 2 Hiarcs 14.1 PXA320 800 MHz	2924	47 / 46	220	55%	2889	7-13 v Deep Junior 12 on Q6600, 6-14 v Fritz13 on Athlon 1.2
40	Chessmaster King 3.5 x64 Q6600 2.4 GHz	2861	24 / 25	932	30%	3009	A, Johan de Koning; 5-37 v #25, 8-32 v #28, 5½-34½ v #29
41	Revelation Hiarcs 13.3 PXA255 500 MHz	2772	57 / 52	177	66%	2661	A, Ruud Martin and Mark Uniacke; 14½-5½ v DFritz 7 on K6-2
42	Revelation Shredder 12 PXA255 500 MHz	2703	60 / 58	140	56%	2663	A, Ruud Martin and Stefan Meyer-Kahlen
43	Revelation Rybka 2.2 PXA255 500 MHz	2628	47 / 44	240	62%	2545	A, Ruud Martin and IM V. Rajlich; 9½-10½ v Hiarcs 9 on Athlon
44	Revelation Deep Sjeng 3 PXA255 500 MHz	2599	68 / 76	100	37%	2692	A, Gian-Carlo Pascutto [q.v. LC0]; 8-12 v Pocket Shredder
45	ChessGenius 3 ZTE Apex3 ARM A53 1.3 GHz	2457	75 / 68	100	62%	2376	A, Richard Lang; 12½-7½ v #46, 13-7 v Rebel on P90
46	Revelation Ruffian 2.1 PXA255 500 MHz	2353	68 / 71	100	45%	2390	A, Per-Ola Valfridsson; 2-18 v Pocket Fritz 3H, 14½-5½ v #48
47	TASC R30 v. 2.5 ARM6 30 MHz	2273	42 / 38	343	69%	2136	A, Johan de Koning; 5-5 v Genius 5 and v Hiarcs 5 on P90
48	Millenium ChessGenius Pro M4 120 MHz	2176	67 / 59	140	68%	2048	A, Richard Lang; 15½-4½ v 'Nigel Short'
49	Millenium ChessGenius ARM M4 48 MHz	2078	51 / 47	210	62%	1990	A, Richard Lang; 12-8 v 'Nigel Short'
50	Mephisto London 68000 12 MHz, 512 KB	2035	69 / 70	100	49%	2043	NE; A, Richard Lang; 13-7 v 'Nigel Short'

Fig. 1. The recently tested 'Selected 50' from SSDF rating list '2019-02' of 2019-02-28, q.v., https://ssdf.bosjo.net.[1, 2, 3]

[1] 'Games' ≡ the number of games, played at '40m/2hr + 20m/1hr', on which the rating is based. 'Against' ≡ average rating of opponents. '+' and '-' denote upper/lower 95%-confidence intervals. 'A' ≡ author(s), 'NE' ≡ new entrant.
[2] Latest platform: AMD Ryzen 7 1800X, 8-core @ 3.6GHz, 16GB RAM, SSD, 6-man Syzygy EGTs.
[3] The full SSDF long list with some match detail is available at http://centaur.reading.ac.uk/82675/.